



Chairperson: Bob Wyatt, NW Natural
Treasurer: Fred Wolf, Legacy Site Services for Arkema

February 17, 2012

Lori Cora
US EPA
1200 Sixth Avenue, Suite 900
ORC-158
Seattle, Washington 98101

Chip Humphrey
US EPA
805 SW Broadway, Suite 500
Portland, Oregon 97205

Vinh Pham
Bank of the West
PO Box 1121
San Jose, California 95108-1121

RE: Portland Harbor Superfund Site RI/FS Trust Fund
Lower Willamette Group
Claim Certificate LWG-027

Dear Ms. Cora, Mr. Humphrey, and Mr. Pham;

At the request of the Lower Willamette Group, enclosed is Claim Certificate LWG-027 for the Portland Harbor Superfund Site Remedial Investigation and Feasibility Study Trust Fund. The purpose of the Claim Certificate is to request a payment from the Trust Fund for work performed under the US Environmental Protection Agency Settlement and Order as part of Section 26 of the Administrative Order on Consent for the Portland Harbor Superfund Site.

The total for Claim Certificate LWG-027 is \$110,757.54 with a payment to Anchor/QEA. The work detailed in Claim Certificate LWG-027 was performed by Anchor/QEA during October 2011. The attached Claim Certificate includes a summary of the payee amount, a description of the tasks performed, and a summary table from the payee.

If there are any questions regarding this Claim Certificate, please contact either Hans Feige of Feige & Associates at 503-543-9700 or Fred Wolf of Legacy Site Services at 253-535-7256.

Sincerely;

A handwritten signature in black ink, appearing to read "Hans Feige", is written over a horizontal line.

Hans Feige
Feige & Associates, Inc.

Cc: Kelly Madalinski; Port of Portland
Bob Wyatt; Northwest Natural Gas
Kim Cox; City of Portland
Fred Wolf; Legacy Site Services
David Ashton; Port of Portland
Jennifer Woronets; Anchor QEA

Claim Certificate LWG-027
February 17, 2012

Certification

The following invoice is for Remedial Investigation and Feasibility Study activities performed at the Portland Harbor Superfund Site in accordance with the Administrative Settlement Agreement and Order on Consent for Remedial Investigation/Feasibility Study, Docket Number CERCLA 10-2001-0240. The purpose of this invoice is to request the Trustee to make a payment from the Trust Fund established by the Lower Willamette Group to pay for work performed for the Site. This invoice is for work that has been generally discussed with the US Environmental Protection Agency (EPA).

Summary of Activities

Anchor/OEA (see attached Table 1)

1) Sediment Transport Analysis	
HST Hybrid Model Runs	\$14,064.80
Wind Wave and Propwash Analysis Complete	\$1,408.00
2) Feasibility Study Report	
Develop Areas and Volumes	\$10,331.00
Write Upfront Sections (Source, RAOs, PRGs, SMAs)	\$9,108.88
Development and Screening Alts	\$21,586.00
Detailed Evaluation of Alts	\$33,854.24
Appendices	\$20,404.62
Total	\$110,757.54
Certificate Total	<u>\$110,757.54</u>

Descriptions of Activities

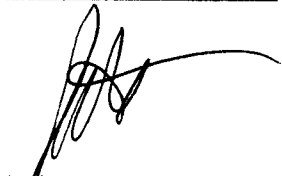
1) Sediment Transport Analysis tasks included drafting report for the FS Appendix, flood flow simulations, and revised propwash and wind/wave stability analysis.

3) Feasibility Study Report tasks included revised areas and volumes development, alternatives development and screening revisions, detailed development and evaluation of alternatives, and development of early sections and appendices for the Draft FS Report.

Action Required

This certificate is being sent to both the EPA Attorney and the EPA Project Coordinator at their respective addresses in both electronic and print copy. The Trust details that if the EPA objects to any payment request in the Claim Certificate, the EPA must provide the LWG an Objection Notice within 30 days of the date in which this Certificate was delivered. If, after 30 days, no objection has been received, the payment shall be made to the LWG from the Trust by the Trustee.

Certification Signature



Bob Wyatt
LWG Chairperson
Northwest Natural

TABLE 1

Lower Willamette Group
Anchor OEA Progress Report - October 2011

Anchor OEA 2011 FS Budget Estimates as of November 30, 2010
December 2010 through Draft Feasibility Study Submittal in 2011

No.	Task	SubTask	Total Estimate 2011 Budget	Previous Amount Spent To Date	Amount Spent This Month	Amount Spent To Date	Budget Added on 10/12/11*	Remaining Budget	Percent of Budget Spent	Percent of Task Work Complete
-----	------	---------	-------------------------------	-------------------------------------	-------------------------------	-------------------------	---------------------------------	---------------------	----------------------------------	--

4	Sediment Transport Analysis									
4a		HST Erosional Areas/Cao Stability Runs								
4b		HST Hybrid Model Runs								
4c		Wind wave and Propwash Analysis Complete								
4d		Combined Stability Analysis								
4e		Reimbursables								
4f		Outside Expenses								

12	Feasibility Study Report									
12a		Develop Areas and Volumes								
12b		Write UpFront Sections (Source, RAOs, PRGs, SNAs)								
12c		Identification and Screening of Tech.								
12d		Development and Screening AIs								
12e		Detailed Evaluation of AIs								
12f		Write End Sections (Conclusion, Flexible AIs, Sequence)								
12g		Appendices								
12h		Revise per LWG Comments								
12i		Reimbursables								
12j		Outside Expenses								

TOTAL: 110,757.54